# Lab Exercise 05: Option Menu

ActivityMain.java

package com.example.lab05;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.Menu;  
import android.view.MenuInflater;  
import android.view.MenuItem;  
import android.widget.TextView;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 }  
  
 @Override  
 public boolean onCreateOptionsMenu(Menu menu) {  
 MenuInflater inflater = getMenuInflater();  
 inflater.inflate(R.menu.*menu\_items*, menu);  
 return super.onCreateOptionsMenu(menu);  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item) {  
 TextView textView = findViewById(R.id.*textView*);  
  
 switch (item.getItemId()) {  
 case R.id.*new\_group*:  
 textView.setText("New Group");  
 return true;  
 case R.id.*new\_broadcast*:  
 textView.setText("New Broadcast");  
 return true;  
 case R.id.*linked\_devices*:  
 textView.setText("Linked Devices");  
 return true;  
 case R.id.*starred\_messages*:  
 textView.setText("Starred Messages");  
 return true;  
 case R.id.*payments*:  
 textView.setText("Payments");  
 return true;  
 case R.id.*settings*:  
 textView.setText("Settings");  
 return true;  
 }  
 return super.onOptionsItemSelected(item);  
 }  
}

menu\_items.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<menu xmlns:android="http://schemas.android.com/apk/res/android">  
  
 <item  
 android:id="@+id/new\_group"  
 android:title="@string/new\_group" />  
 <item  
 android:id="@+id/new\_broadcast"  
 android:title="@string/new\_broadcast" />  
 <item  
 android:id="@+id/linked\_devices"  
 android:title="@string/linked\_devices" />  
 <item  
 android:id="@+id/starred\_messages"  
 android:title="@string/starred\_messages" />  
 <item  
 android:id="@+id/payments"  
 android:title="@string/payments" />  
 <item  
 android:id="@+id/settings"  
 android:title="@string/settings" />  
</menu>

activity\_main.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textColor="#000000"  
 android:textSize="34sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
   
</androidx.constraintlayout.widget.ConstraintLayout>

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